

DRAFT NOTES:

**Water Management Coordinating Team Meeting – 1/18/00**

9:30-12:00

**Present:**

Dave Fullerton, Mike Fris, Dave Briggs, Spreck Rosekrans, Tom Boardman, Jim White, Pete Chadwick, George Barnes, Tina Swanson, Dave Forkel, Bill Johnston, Paul Forsberg, Brian Campbell, Sushil Arora, Art Hinojosa, Gary Stern, Ron Ott, Russ Brown, Tom Cannon

**AGENDA:**

- **Additional Evaluation of Games 1A and 1B**
- **Results of Game 2A**
- **Future Games**
- **Documentation Report**
- **White Paper Status**

**I. Introduction**

- BOR plans gaming using CT process.
- MWD plans to lease space in San Luis to BOR for carryover. (Could delay implementation of JPOD.)
- Assumptions/Rules for using b(2)? Continuing resolution by BOR/FWS. Balance of credits and debits under discussion.

**II. Summary of Games 1A and 1B - Dave Fullerton**

- Delta Island storage in 1B
  - wet year gains
  - appropriate for EWA for wet year debts
  - helps CVP for wet year deliveries
- Groundwater storage (1B)
  - lower gain than Delta storage
  - better for dry year supply
  - good form of collateral
- Shasta Storage expansion
  - benefit in only 2 of 10 years (85, 86)
  - only 17% of yield realized
  - higher average storage realized (ancillary benefits)
- High WQCP cost in dry years resulted in low EWA VAMP costs

C: Should use CALSIM to bring more stakeholders on board.

C: We have an outreach problem - more documentation would help

C: Our tools are OK - our assumptions are not.

C: Need to include the full 87-92 drought.

C: Need to plan for the schedule to meet June ROD.

### III. Game 2A Results - Dave Fullerton

- Incorporated reoperation with associated risks using EWA as collateral for high risk strategies.
- New assets: E/I relaxation; Expanded Banks (500 cfs in summer for EWA); 200 TAF of purchases (100 NOD, 100 SOD).
- Results: no cut in deliveries in contrast to 1A. Some b2 water stranded upstream. Water needed for EWA in big chunks in wet years. B2 releases split 50-50 in Delta
- Merged b1 and EWA

C: Need rules on risks to make realistic and implementable.

C: Need to define which protection patterns are most effective.

C: Weak point - how much protection is necessary to cover A, B, and C priorities.

C: Weak point - knowing hydrology in hindsight (cheating).

C: We could use Services' proposal for the 'Bar'.

C: If we forge ahead both sides will be unhappy.

C: Templates (priorities) change with assets and differing actions, and population levels.

C: Need to define the appropriate level of protection for each priority in templates (partial and full protection)

C: Concern for running out of gas - thus conservative early in water year.

C: Fraction of pumping reduced is a parameter for evaluation.

C: We should be comparing to historical baseline because those were conditions that caused the problems.

C: Need to learn which types of actions have the least risk to the projects. Need to study the risk factors to projects in more detail.

C: The EWA agreement must spell out the rules under which actions are taken. Also can allow to negotiate on the fly as part of adaptive management.

C: Need debit accounting for games 3 and 4. Define collateral pattern for EWA. Need to define the controls on fish agencies appetite to reduce project exports.

### IV. Next Game

- Games 3 and 4 will commence next week
- Require agency templates for actions to satisfy priorities.

### V. Gaming Report

- A detailed report documenting gaming will be prepared.

### VI. Next Meeting

- Next meeting is Thursday the 27<sup>th</sup> and every Thursday thereafter until further notice.